



Serial Number 09/002,031
Replacement Sheet

FOR ORBIT INSIDE EARTH'S
MAGNETOSPHERE, START
HERE:

GTRN:
EVALUATES
GEOMAGNETIC SHIELDING

200

FOR ORBITS AT OR BEYOND
GEOSYNCHRONOUS, START
HERE:

FLUX:
EVALUATES FLUXES AT EXTERNAL
SURFACE OF SPACECRAFT

AUXILIARY PROGRAMS YOU
MAY WISH TO RUN:

SHIELDFILE:
FORMATS USER-SUPPLIED
SHIELDING DISTRIBUTION FOR
INPUT TO TRANS

400

TRANS:
TRANSPORTS NUCLEI
THROUGH SHIELDING

300

PUP:
PROTON-INDUCED
SEU RATES

500

LET:
CALCULATES
LINEAR ENERGY
TRANSFER (LET)
SPECTRA

600

HUP:
DIRECT-IONIZATION
INDUCED SEU
RATES

700

FIG. 1

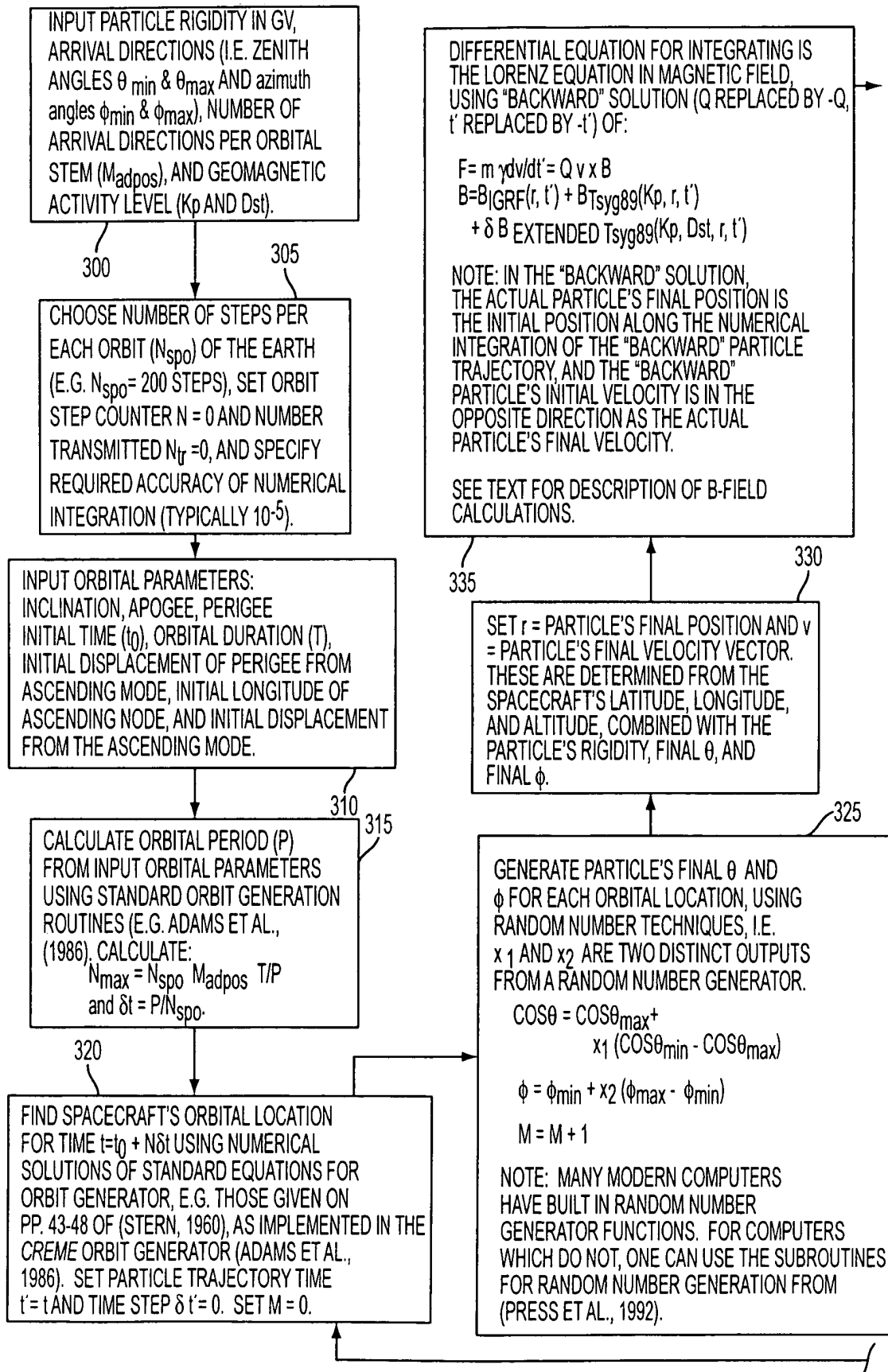


FIG. 3A

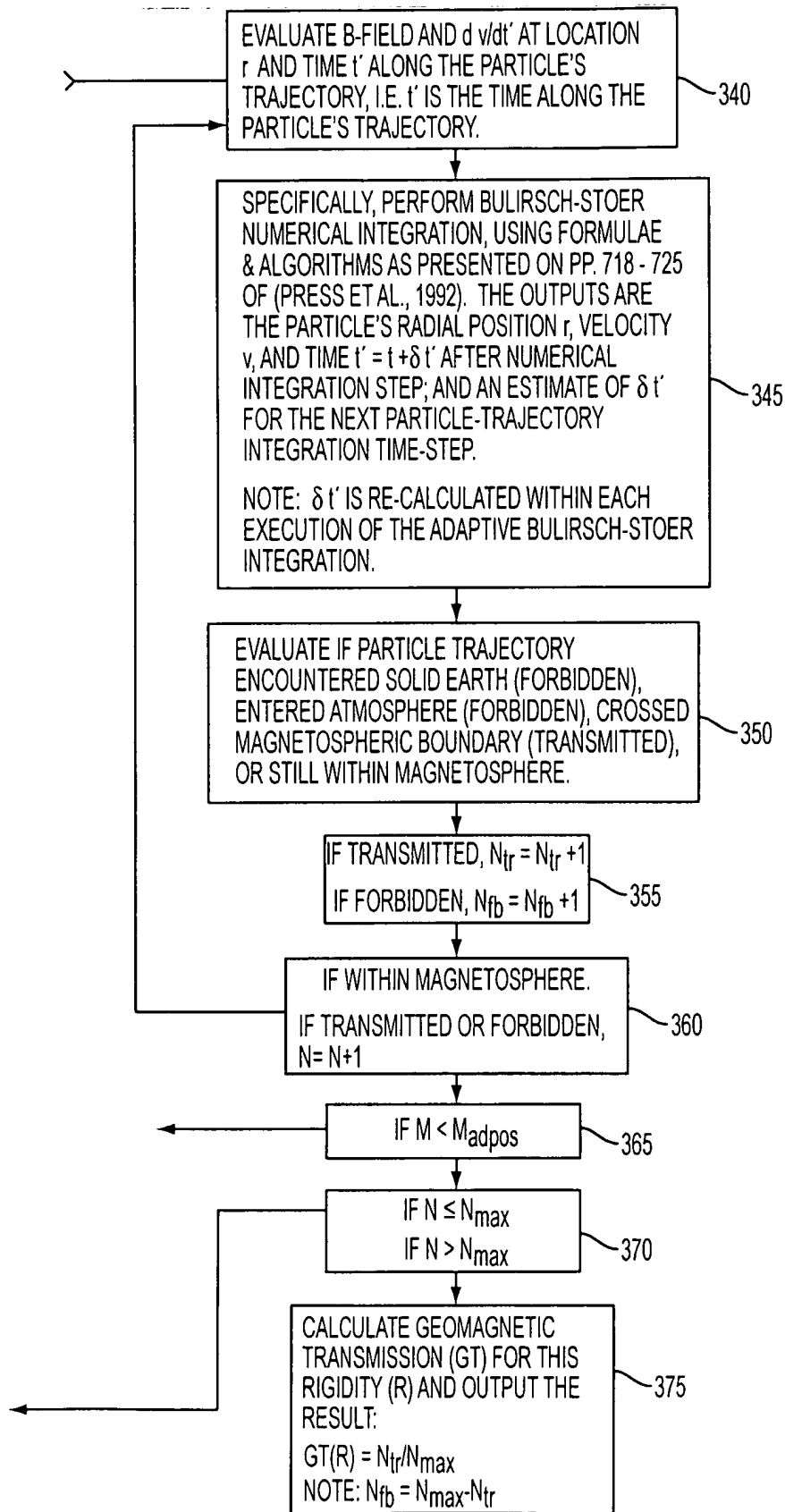


FIG. 3B

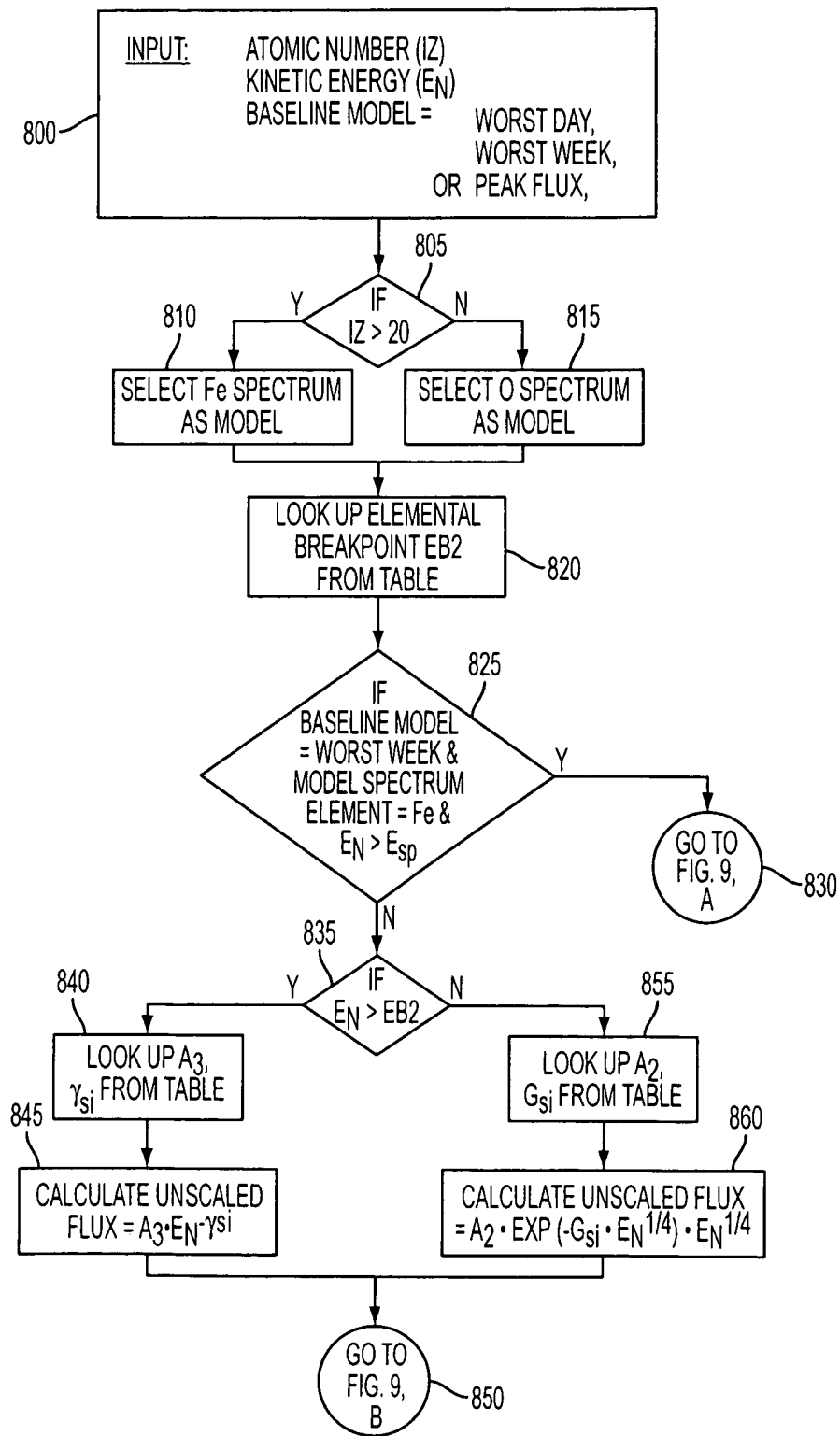


FIG. 8

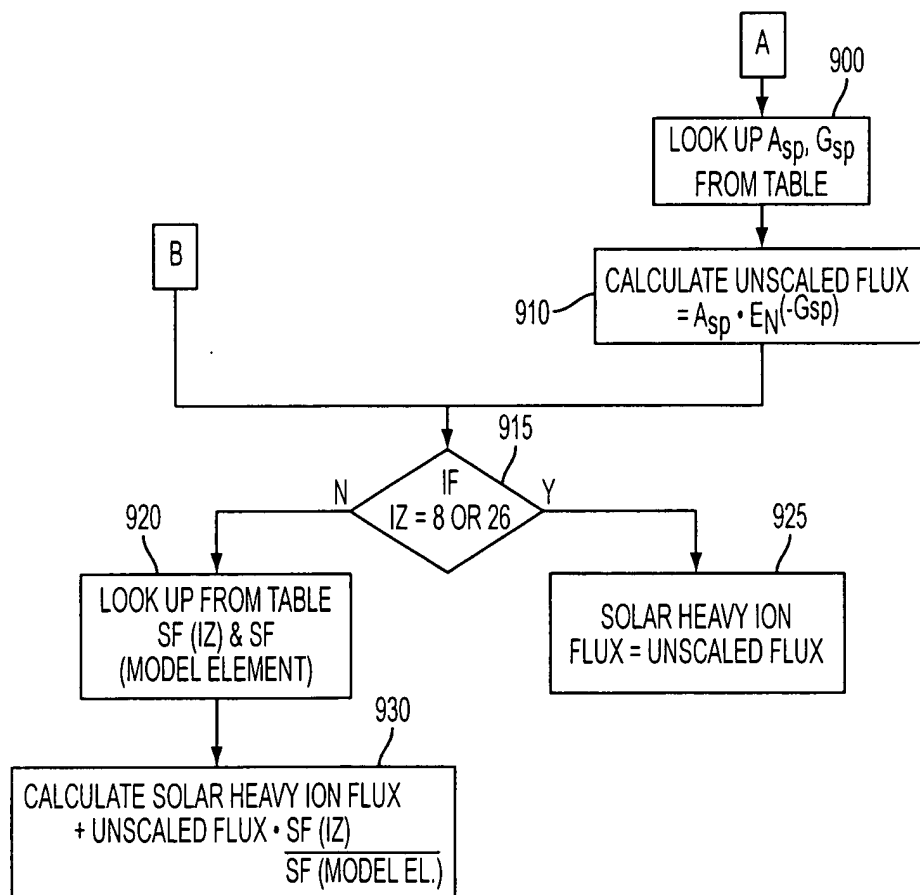


FIG. 9

CREME96 MAIN MENU

SEE BRIEF INSTRUCTION AT THE BOTTOM OF THIS PAGE. SEE HOW TO RUN CREME96 FOR MORE DETAILS

GO		RESET FORM	
ROUTINE	USER REQUEST FILE LIST	EDIT USER REQUEST FILE	RUN ROUTINE
<u>TPS</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>GTRN</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>FLUX</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>TRANS</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>LETSPEC</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>PUP</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>HUP</u>	<input type="text"/>	<input type="radio"/>	<input type="checkbox"/>
<u>UTILITIES</u> (CREATE PLOTS, PERFORM DOWNLOADS, ETC.)			<input type="checkbox"/>

1. TO CREATE A USER REQUEST FILE:
CLICK ON THE EDIT BUTTON BY THE CORRESPONDING ROUTINE, LEAVING THE USER REQUEST FILE BLANK. (IF NECESSARY, USE THE BLANK SPACE IN THE PULLDOWN MENU TO CLEAR A NAME ALREADY TYPED THERE.)
CLICK ON THE "GO" BAR.
2. TO EDIT AN EXISTING USER REQUEST FILE:
CLICK ON THE EDIT BUTTON BY THE CORRESPONDING ROUTINE.
SELECT A USER REQUEST FILE FROM THE APPROPRIATE PULL-DOWN MENU.
CLICK ON THE "GO" BAR.
3. TO RUN ONE OR MORE ROUTINES:
IF AN EDIT BUTTON HAS BEEN CLICKED "ON", USE THE RESET BAR TO CLEAR IT.
SELECT USER REQUEST FILE(S) FROM THE APPROPRIATE PULL-DOWN MENU(S).
CLICK ON THE RUN BUTTON(S) IN THAT LINE(S).
CLICK ON THE "GO" BAR.
4. TO ACCESS CREME96 UTILITIES:
CLICK ON THE RUN BUTTON ON THAT LINE.
CLICK ON THE "GO" BAR.

NOTE: YOU CAN CREATE OR EDIT ONLY ONE USER REQUEST FILE AT A TIME. BUT YOU CAN SUBMIT SEVERAL FILES FOR RUNNING (SEQUENTIALLY, IN THE ORDER SHOWN IN THE TABLE) BY CHECKING MORE THAN ONE "RUN" BUTTON AND THEN CLICKING ON THE "GO" BAR.

QUESTIONS? COMMENTS? SEND MAIL TO tylka@crs2.nrl.navy.mil.

YOU MAY TERMINATE YOUR CREME96 SESSION AT ANY TIME.

FIG. 10